

Choose a Computation Method

P 4-7

Find each sum or difference. Tell what computation method you used.

1. $2\frac{1}{5} + 4\frac{3}{5} =$ _____

2. $12 - 7\frac{5}{6} =$ _____

3. $6\frac{3}{8} + 2\frac{1}{4} =$ _____

4. $15\frac{1}{2} - 9 =$ _____

5. $4\frac{4}{9} - 2\frac{8}{9} =$ _____

6. $6\frac{1}{7} + 6\frac{4}{7} =$ _____

7. $8\frac{3}{4} + 1\frac{5}{16} =$ _____

8. $3\frac{4}{5} - 2\frac{8}{15} =$ _____

9. $\frac{11}{12} + 4\frac{4}{15} =$ _____

10. $\frac{5}{6} + \frac{2}{3} - \frac{1}{15} =$ _____

11. Jon's dog weighs $49\frac{1}{4}$ lb and his cat weighs $11\frac{15}{16}$ lb.
Find the combined weight of the two pets.

12. A croquet ball has a diameter of $3\frac{5}{8}$ in. If the wicket
the ball passes through is 4 in. wide, how much room
is there to spare? Use mental math to find the answer.

Test Prep

13. For which of the following sums or differences would mental
math be most efficient?

A. $4\frac{1}{3} + 5\frac{2}{5}$

B. $6\frac{7}{8} - 3\frac{5}{8}$

C. $4\frac{1}{6} - 2\frac{5}{6}$

D. $\frac{5}{7} + \frac{1}{14} + \frac{1}{2}$

14. **Writing in Math** Describe a problem that could be easily solved
using mental math. Explain why this method works best.

